Perfect number or not

1. #include<stdio.h>
2. int main(){
3. int n,i=1,sum=0;
5. printf("Enter a number: ");
6. scanf("%d",&n);
8. while(i<n){
9. if(n%i==0)
10. sum=sum+i;
11. i++;
12. }
13. if(sum==n)
14. printf("%d is a perfect number",i);
15. else
16. printf("%d is not a perfect number",i);
18. return 0;
19. }

Strong number or not

1. #include<stdio.h>
2. int main() {
3. int num,i,f,r,sum=0,temp;
4. printf("Enter a number: ");
5. scanf("%d",&num);
6. temp=num;
7. while(num) {
8. i=1,f=1;
9. r=num%10;
10. while(i<=r) {
11. f=f\*i;
12. i++;
13. }
14. sum=sum+f;
15. num=num/10;
16. }
17. if(sum==temp)
18. printf("%d is a strong number",temp); else
19. printf("%d is not a strong number",temp);
20. return 0;
21. }